C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																		RII	OGE T	TILL					NO-T	ILL							ST	RIP T	ΓILL							
	CLEAN	TILL	SPRING		FALL	MULO	СН ТП	LAGI	Ξ		SPRIN	G MU	LCH '	TILL	AGE				(Culti	vated)																						
CROP SEQUENCE	PLOV	w	PLOW			% COVI	ER AFTI	ER PLAN	NTING				% COV	ER AF	TER PLA	NTING	;			% COV	ER AFT	ER PLA	TING		9	COVE	R AFTE	R PLAN	TING				% C0	OVER A	FTER P	LANTI	NG					
	FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60 7	70 8	80	90 10	20	30	4	0	50	60 7	0	80	90

ESTABLISHED ALFALFA

CROP TO BE PLANTED:

ALFALFA

Previous Crop Was:

Alfalfa Dir. Seeded	.03																					
Alf/Oats (silaged)	.03																					
Alfalfa 1st yr	.009																					
Alfalfa 2nd yr	.006																					
Alfalfa >=3rd yr	.004																					

ALFALFA ESTABLISHMENT

CROP TO BE PLANTED:

DIRECT SEEDED ALFALFA

Previous Crop Was:

Corn	.11	.08		.06	.05	.04	.03	.02			.06	.05	.04	.03	.02								.01	.01	.007						
Corn Silage	.18	.16	.14							.14										.08											
Grain Sorghum	.10	.08		.06	.05	.04	.03				.06	.05	.03	.03								.02	.01	.009							
Sorgh/Sudan																															
Soybeans	.14	.11		.09	.07					.10	.08	.06	.05								.03	.03									
Spring Wheat	.12	.09		.07	.06	.05	.04	.03			.07	.05	.04	.03	.03							.02	.02	.02							
Watemellons		.18								.17																					
Winter Wheat	.10	.08			.05	.04	.03	.02	.02		.06	.04	.03	.03	.02								.02	.01	.008	.006					

ALFALFA ESTABLISHMENT

CROP TO BE PLANTED:

ALFALFA / OAT (SILAGE)

Previous Crop Was:

NOTE:

Tievious Crop was	<u> </u>																														
Corn	.04	.04		.03	.02	.02	.01	.009		.02	.02	.02	.01	.008	3							.005	.004	.002	.002	2					
Corn Silage	.10	.09	.09																.04												
Grain Sorghum																															
Sorgh/Sudan																															
Soybeans	.06	.05		.04	.03					.03	.03	.02								.01	.01	.006	.005	5							
Spring Wheat	.07	.05		.04	.03	.03	.02	.02		.04	.03	.02	.02	.02							.01	.01	.01								
Winter Wheat																															

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																		RI	DGI	E TII	LL				NO-	TILI	,						STR	IP T	ILL							
	CLEAN T	TILL S	PRING		FALL	MUL	СН ТП	LAGI	E	:	SPRIN	G MU	LCH	TILL!	AGE				(Cı	ultivat	ed)																					
CROP SEQUE	PLOW FALL SE	PRING F	PLOW	5	1 1	1	ER AFTI	1	1	60	5	1			ER PLA	1	60	5	10	1	1	 1	NTING 50	1	10			NTING 50	60	70	80	ı		1	1	ANTIN	1	ه ا ه	60	70 I	80	90

CROP TO BE PLANTED:

BARLEY

Previous Crop Was:																																			
Alfalfa																																			
Barley	.08	.07		.05	.04	.03	.03	.02	.02		.05	.04	.03	.02	.02	.01							.02	.01	.01).	01	.01	.004						
Corn	.08	.07		.05	.04	.03	.03	.02			.05	.04	.03	.02	.02	.01							.02	.01	.01).	009	.007	.003						
Corn Silage	.13	.13									.09	.07									.06	.04	.04	.03	.01).	01								
Dry Beans																																			
Flax																																			
Grain Sorghum	.07	.07		.05	.04	.03	.02	.02			.05	.04	.03	.02	.02								.02	.01	.01).	800	.004	.003						
Sorghum Silage	.11	.11		.08	.06	.05					.08	.06	.04									.04	.03	.02	.01).	009								
Millet																																			
Oats	.10	.08		.06	.05	.04	.03	.02			.06	.04	.03	.02	.02	.02								.02	.01).	01		.005						
Potatoes																																			
Rapeseed																																			
Rye																																			
Safflower																																			
Sorghum/Sudan	.09	.09		.07	.05						.06	.05	.04									.04	.03	.02	.01	_	_	.007		<u> </u>					
Soybeans (Narrow row)	.09	.09		.07	.05						.07	.05	.03										.03	.02	.02	2 .(009	.007							
Soybeans (Wide row)	.09	.09		.07	.05						.07	.05	.04										.02	.02	_	_				1					
Spring Wheat	.10	.08		.06	.05	.04	.03	.02			.06	.05	.04	.02	.02								.02	.02		2		.006	.005						
S. Fallow (Barley)	.20	.20		.12	.09						.10	.07										.06	.04	.03	.02	2 .()1			1					
S. Fallow (Millet)																																			
S. Fallow (Oats)	.20	.20		.12	.09	.06				<u> </u>	.11	.08					╙					.06	_	.03	_	_	_	.009		ــــــــــــــــــــــــــــــــــــــ				\perp	
S.Fallow (Sp. Wheat)	.19	.19		.12	.09						.12	.08										.06		.03	_									4	
Sunflowers	.09	.09		.06	.05						.06	.04	.03				╙				.04	.03	.02	.02	_		_	.005		1					
Winter Wheat	.09	.07		.06	.05	.04	.03	.03	.02		.05	.04	.03	.02	.02	.02							.02	.02	.01).)1								

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

CORN FOR GRAIN

			<u> </u>		•																																		
Previous Crop Was																																							
Alfalfa	.26	.19			.21	.18	.15			.1	5 .	13	.10	.09												.04	.03												
Barley	.28	.25			.19	.15	.12	.09	.07	.1	8 .	14	.11	.08	.06	.05				.13	.12	.10					.05	.03	.03	.02			.07	.06	.05	.04	.03	1	
Corn	.31	.31			.24	.19	.16	.13	.11	.2	.3	19	.16	.12	.10				.18	.16	.15				.10	.08	.06	.04	.03				.11	.09	.07	.06			
Corn Y2	.31	.29			.24	.20	.16	.13		.2	2 .	19	.14	.12	.10											.07	.05	.04	.03										
Corn Silage	.43	.41			.33	.22	.18			.3	3 <u>.</u>	21	.18	<u>.15</u>			.35			.18			.22	.14							.22								
Dry Beans																																						l	
Flax																																							
Grain Sorghum	.30	.29			.23	.19	.16	.13		.2	3 .	19	.15	.12					.18	.16					.09	.07	.05	.04					.10	.08	.06			ı	
Sorghum Silage	.39	.38			.31					.2	9 .	25						.30					.19	.13	.11														
Millet	.27	.24			.18	.14	.12	.09	.07	.1	8 .	14	.11	.08	.06				.14	.13	.11				.07	.06	.05	.03	.02	.02								l	
Oats	.32	.29			.22	.17	.13	.11	.09	.2	1 .	17	.13	.09	.08											.07	.06	.05	.04	.03				.07	.06	.05			
Potatoes																																						1	
Rapeseed																																							
Rye																																						1	
Safflower	.39	.38			.31					.2	9												.24	.18	.13														
Sorghum/Sudan	.39	.39			.32					.3	0							.31					.24	.20	.18														
Soybeans (Narrow row)	.39	.37			.31	.26				.3	0 .	24	.21					.28	.26					.19	.16	.13	.10	.06				.20	.16	.14					
Soybeans (Wide row)	.39	.37			.31	.26				.3	0 .	25	.21					.28	.26					.15	.13	.09	.08	.06				.18	.14	.12				1	
Spring Wheat	.31	.28			.22	.17	.14	.11		.2	.1	17	.12	.10	.08				.18	.16	.14					.07	.05	.04	.03				.09	.07	.06	.04			
S. Fallow (Barley)	.42	.42			.30	.22	.17			.2	8 .	21	.17												.11	.07	.05	.04											
S. Fallow (Corn)	.44	.44			.34	.27				.3	4 .	27	.22										.20	.14	.10														
S. Fallow (Millet)																																						1	
S. Fallow (Oats)	.44	.44			.31	.24	.17			.3	0 .	23	.17											.16	.13	.08	.05	.04											
S.Fallow (Sp. Wheat)	.44	.44			.31	.24	.17			.3	1 .	24												.17	.13	.09	.05												
Sunflowers	.35	.34			.27					.2	6.	20						.23						.13	.09	.07	.06				.18	.13	.11						
Watermellons		.46		.41						.40																													
Winter Wheat		.29			.22	.17	.14	.11	.09	.2	.1	17	.13	.10	.08	.06				.16	.14					.08	.07	.05	.04				.10	.08	.07	.05			

CROP TO BE PLANTED:

CULTIVATED CORN FOR GRAIN

Previous	Crop	W	'as

rie rious crop rius.																																
Corn	.31	.30		.24	.19	.16	.14	.12		.22	.19	.17	.14	.11							.14	.12	.10	.09	.07							
Corn Silage	.39	.39	.34						.35										.30	.26												
Grain Sorghum	.28	.27			.18	.15	.13			.21	.18	.15	.13	.08								.11	.09	.08								T
Soybeans (Wide row)	.39	.37	.34	.32	.28				.33	.31	.27	.23								.25	.22	.20	.18									
Spring Wheat	.31	.28		.22	.19	.15	.12			.22	.17	.15	.12									.10	.09	.07	.05							
Sunflowers	.34	.33	.29	.27					.29	.27	.22									.19	.18	.15				T	Т					

NOTE: Y2

The crop to be planted is the 2nd year after alfalfa.

NOTE:

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C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																		RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
	CLEAN	TILL	SPRING		FALL	MULC	нтп	LAG	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ited)																						
CROP SEQUENCE	PLOV	W	PLOW			% COVE	R AFTE	R PLA	NTING			9	% COVI	RAFT	ER PLA	NTING			•	6 COVE	ER AFTE	R PLAN	ΓING			% COVI	R AFTI	R PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
	FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

CORN SILAGE

			COL	<u>₹N :</u>	SIL	AG	<u> </u>																																	
Previous Crop Was:																																								
Alfalfa	.26	.18				.17	.15				.15	.13	.10	.08													.04	.03												
Barley	.29	.25			.20	.15	.12	.10	.08		.19	.15	.12	.08	.07					.13	.1	2					.06	.05	.04	.03	.02				.06	.05	.04			
Corn	.32	.30			.24	.20	.16	.13				.19	.15	.12	.10					.17	7 .1	6				.10	.08	.07	.04	.03				.11	.09	.07				
Corn Silage	.43	.43		.39	.25	.22	.17			.39	.25	.21	.17	.14			.40			.18	3			22																
Corn Silage Y2	.41	.39		.39						.34	.31													16																
Dry Beans																																								
Flax																																								
Grain Sorghum	.31	.31			.23	.19	.16				.23	.19	.15	.13					.19	.17	7					.10	.08	.05				<u> </u>	.13	.11	.08					<u> </u>
Sorghum Silage	.40	.40			.33													.34						23 .	.15															
Millet	.27	.24			.18	.14	.11	.09			.18	.14	.10	.08	.06				.15	.13	.1	2					.06	.05	.03	.03		Ш.								
Oats	.33	.29			.22	.18	.14	.11	.09		.22	.17	.14	.10	.08					.17	7 .1	5					.07	.06	.05	.04	.02			.09	.08	.06	.05			
Potatoes																																<u> </u>								<u> </u>
Rapeseed																																								
Rye																																						\perp		
Safflower																																								
Sorghum/Sudan	.41	.40			.33						.33							.34					_ŀ	27								$oldsymbol{ol}}}}}}}}}}}}}}}}}}$						\perp		
Soybeans (Narrow row)	.40	.39			.32						.32	.26	.22					.31	.29						.20		.14					.27	.23	.17						
Soybeans (Wide row)	.40	.38			.32						.31	.26						.31							.17	.12	.10					.23	.19	.15				\perp		
Spring Wheat	.32	.29			.22	.18	.14	.11			.22	.17	.14	.11				.19	.17								.08	.06	.05	.03			.12	.10	.08	.06				
S. Fallow (Sorn Sil.)	.48	.48			.37						.37	.29											_ .	20 .	.14							$oldsymbol{ol}}}}}}}}}}}}}}}}}$	\perp	\perp	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	\perp	\perp	\perp	\perp	
Sunflowers	.36	.36		.30	.28					.29	.27	.22						.25								.14						.20	.15							
Winter Wheat	.32	.29			.22	.17	.14	.11			.21	.17	.13	.10	.08	.06				.16	5 .1	4						.06	.05	.04				.10	.08	.07	.05			

CROP TO BE PLANTED:

CULTIVATED CORN SILAGE

Previous Crop Was:

NOTE:

Flevious Crop was	-																													
Corn	.34	.32	.39	.26	.23	.19	.15			.26	.22	.17	.14							.16	.13	.12	2 .1	0						
Corn Silage	.42	.42	.39						.39																					
Soybeans	.40	.38	.35	.33					.34	.32									.27	.24	.22									
Spring Wheat	.33	.29		.23	.20	.15	.12			.22	.18	.14	.11								.10	.08	3 .0	7						

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																	RID	GE T	ILL					NO-	TILL							S	STRI	P TI	LL						
	CLEAN TIL	L SPRIN	ίG	FALL	MUL	СН ТП	LLAG	E		SPRIN	G MU	LCH T	TILLA	.GE				(Cultiv	ated)																						
CROP SEQUENCE	PLOW	PLOV	V		% COV	ER AFT	ER PLA	NTING				% COVE	RAFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9/	6 COVE	R AFT	ER PLA	NTING					
	FALL SPRE	NG PLAN	т 5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

			<u>GR/</u>	AIN	<u>so</u>	RG	HU	M																													
Previous Crop Was:																																					
Alfalfa	.22	.16			.17	.14	.11				.12	.10	.09											.03	.02	.02											
Barley	.24	.21			.16	.12	.09	.08	.06		.15	.12	.09	.06	.05				.09	.07					.04	.04	.03	.02	.01								
Corn	.27	.26			.19	.15	.12	.10			.19	.15	.11	.09				.12	.11	.10					.05	.04	.03	.02				.08	.06	.05			
Corn Silage	.38	.34																				.20								.20							
Dry Beans																																					
Flax																																					
Grain Sorghum	.27	.27			.19	.15	.12	.10			.18	.15	.11	.09				.12	.11	.10					.05	.04	.03	.02			.10	.08	.06				
Grain Sorghum Y2																																					
G. Sorghum Silage	.35	.35			.27						.26						.24						.12										<u> </u>				
Millet	.23	.21			.15	.11	.09	.07			.15	.11	.08	.05				.10	.09	.07					.04	.04	.03	.02									
Oats	.28	.25			.18	.14	.11	.09	.07		.17	.13	.10	.08	.06				.10	.09					.05	.04	.03	.03	.02				<u> </u>				
Potatoes																																					
Rapeseed																															<u> </u>						
Rye																																					
Safflower	.35	.33			.27						.26											.21	.17										<u> </u>				
Sorghum/Sudan	.35	.35			.27						.26						.25					.21	.15														
Soybeans (Narrow row)	.35	.33			.26						.25	.20					.22	.19					.15	.12	.10	.06							<u> </u>				
Soybeans (Wide row)	.35	.33			.26						.25	.20					.22						.12		.07	.06				.17	.14	.11					
Spring Wheat	.27	.24			.18	.14	.11	.09			.17	.14	.10	.08				.13	.11						.06	.04	.03	.02									
S. Fallow(G. Sor.)	.40	.40			.29	.23					.29	.23										.18	.12	.09													
Sunflowers	.31	.30			.22						.22	.17					.18						.10	.07	.06												
Winter Wheat	.29	.25			.19	.14	.11	.09			.18	.14	.11	.09	.06	.05			.11	.09					.07	.05	.04	.04				.08	.07	.05	.04		

CROP TO BE PLANTED:

CULTIVATED GRAIN SORGHUM

Previous Crop Was

Barley	.28	.25		.18	.14					.18	.14	.12	.09	.07							.07	.00	6 .0	4 .	04							
Corn	.29	.28		.21	.17	.14	.11			.20	.17	.14	.11							.11	.09	.07	7 .0	5 .	04							
Sunflowers	.30	.29	.25	.23					.24	.22									.16	.14	.12						ſ		Ī			

Y2 The crop to be planted is the 2nd year after alfalfa. NOTE:

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SORGHUM (Wide Row) FOR SILAGE

			•••		•			•																									
Previous Crop Was:																																	
Alfalfa																																	
Barley	.27	.24		.17	.14	.11	.09	.07		.17	.13	.10	.07	.06			.12	.10	.09					.05	.04	.03	.02	.01					
Corn	.31	.30		.21	.17	.14	.11			.21	.17	.13	.10				.15	.13						.06	.04	.03							
Corn Silage	.42	.42																															
Dry Beans																																	
Flax																																	
Grain Sorghum	.29	.28		.21	.17	.14				.21	.17	.13					.15	.14					.08	.07	.04								
Sorghum Silage																																	
Millet																																	
Oats	.31	.28		.20	.16	.13	.10			.20	.15	.12	.09	.07				.12	.10					.06	.05	.04	.03	.02					
Potatoes																																	
Rapeseed																																	
Rye																																	
Safflower																																	
Sorghum/Sudan	.41	.41		.32						.32						.31					.26	.15											
Soybeans (Narrow row)	.39	.37		.29						.29	.23					.26						.18	.14	.09									
Soybeans (Wide row)	.39	.37		.30						.29	.23					.26						.15	.10	.09									
Spring Wheat	.31	.27		.20	.16	.13	.10			.20	.16	.11	.09				.15	.13						.07	.05	.04							
S. Fallow (Sor. Sil.)																																	
Sunflowers	.34	.33		.25						.24	.20					.22					.16	.13	.09	.07									
Winter Wheat	.29	.25		.18	.14	.11	.09			.18	.14	.11	.09	.06	.05			.11	.09					.07	.05	.04	.04						

The crop to be planted is the 2nd year after alfalfa. NOTE: .00

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																	RII	GE T	ILL					NO-	TILL							5	TRIE	TII	LL						
	CLEAN TILL	SPRING		FALL	MULCI	H TIL	LAGI	E	s	PRIN	3 MU	LCH T	TILLA	.GE				(Cultiv	vated)																						
CROP SEQUENCE	PLOW	PLOW			% COVER	RAFTE	R PLA!	NTING			•	% COVI	R AFT	ER PLA	NTING				% COV	VER AFT	ER PLA	NTING			% COVI	R AFTI	ER PLA	NTING				9	6 COVE	AFTI	ER PLA	NTING					
	FALL SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

			MIL	<u>LE1</u>																													
Previous Crop Was:																																	
Alfalfa																																	
Barley																																	
Corn	.23	.21			.15	.11	.08	.07			.14	.11	.08	.06	.05						.07	.05	.04	.03	.02								
Corn Silage	.31	.31			.21						.20									.15	.10	.06											
Dry Beans																																	
Flax																																	
Grain Sorghum	.21	.20			.14	.11	.08	.07			.14	.11	.07	.06							.07	.05	.04	.03	.02	.01							
Sorghum Silage																																	
Millet																																	
Oats																																	
Potatoes																																	
Rapeseed																																	
Rye																																	
Safflower	.29	.28			.20	.16														.15	.11	.07											
Sorghum/Sudan	.29	.28			.20						.18	.14								.16	.11	.07	.04	.03									
Soybeans (Narrow row)																																	
Soybeans (Wide row)																																	
Spring Wheat	.23	.20			.13	.11	.08	.07			.13	.10	.07	.06	.05						.07	.06	.04	.03	.02	.01	.01						
S. Fallow (Barley)	.34	.34			.20	.15					.20	.14									.11	.07	.06	.03	.02								
S. Fallow (Millet)	.36	.34			.24	.15	.10				.21	.14	.10							.16	.13	.08	.05	.03	.02								
S. Fallow (Oats)	.36	.36			.22	.17					.22	.15									.12	.08	.06	.03	.02								
S. Fallow (Sp. Wht.)	.36	.36			.22	.16					.21	.16									.11	.08	.05	.03									
Sunflowers	.25	.24			.17						.15	.11								.11	.09	.06	.03	.03									
Winter Wheat	.21	.18			.13	.09	.07	.06	.05		.12	.09	.07	.05	.04						.06	.04	.04	.03	.02	.01	.00)					

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

OATS

Previous Crop Was: Alfalfa)6																														
Barley .08 .06)6														 			 								 	 _	_	_	 	
-)6	_																													
Corn .07 .07		.0	5 .04	4 .0)3 .	.03 .	.02	.02		.04	.03	.02	.02	.01							.01	.01	.01		.004						
)7	.0	5 .0-	4 .0)3 .	.02 .	.02		.05	.04	.03	.02	.02	.01						.03	.02	.01	.009	.008	.006						
Corn Silage .13 .13	13	.0	9 .0	7					.08	.06								.06	.04	.04	.03	.02									
Dry Beans																															
Flax																															
Grain Sorghum .07 .06)6	.0	5 .04	4 .0)3 .	.02	.02		.05	.04	.03	.02	.02							.02	.01	.01	.009	.004	.003						
Sorghum Silage .11 .1	11	.0	8 .0	6 .0)5				.08	.06	.04								.04	.03	.02	.01	.01								
Millet																															
Oats																															
Potatoes																															
Rapeseed																															
Rye																															
Safflower .11 .1	1	.0	8						.07	.05								.05	.04	.03	.02	.02									
Sorghum/Sudan .09 .08)8	.0	6 .0:	5					.06	.04	.03									.03		.01	.008								
Soybeans (Narrow row) .09 .09)9	.0	7 .0:	5					.07	.05	.04								.04	.03	.02	.02	.009	.007							
Soybeans (Wide row) .09 .09)9	.0	7 .0:	5					.07	.05	.04								.03	.03	.02	.02	.009	.007							
Spring Wheat .09 .08)8	.0	6 .0:	5 .0)4 .	.03	.02		.05	.04	.04	.02	.02							.02	.02	.02	.01	.007	.006						
S. Fallow (Oats) .21 .21	21	.1	3 .09	9					.10	.08									.06	.04	.03	.02	.01								
Sunflowers .09 .08)8	.0	6 .0:	5					.06	.04	.03								.03	.02	.02	.01	.007								
Winter Wheat .09 .07)7	.0	6 .0:	5 .0)4 .	.03 .	.03	.02	.05	.04	.04	.02	.02	.02							.02	.02	.01	.008	.006						

The crop to be planted is the 2nd year after alfalfa. NOTE: .00

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																	RII	GE T	ILL					NO-	TILL							5	TRIE	TII	LL						
	CLEAN TILL	SPRING		FALL	MULCI	H TIL	LAGI	E	s	PRIN	3 MU	LCH T	TILLA	.GE				(Cultiv	vated)																						
CROP SEQUENCE	PLOW	PLOW			% COVER	RAFTE	R PLA!	NTING			•	% COVI	R AFT	ER PLA	NTING				% COV	VER AFT	ER PLA	NTING			% COVI	R AFTI	ER PLA	NTING				9	6 COVE	AFTI	ER PLA	NTING					
	FALL SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SAFFLOWER

			SAL	.LL	<u>JVV</u>	<u>EK</u>																							
Previous Crop Was:																													
Alfalfa																													
Barley																													
Corn	.29	.28			.22	.17	.14			.21	.17	.13							.13	.11	.09	.06	.05						
Corn Silage																													
Dry Beans																													
Flax																													
Grain Sorghum	.28	.28			.21	.17	.14			.21	.16	.13							.13	.11	.10	.06							
Sorghum Silage																													
Millet	.25	.23			.17	.13	.10			.16	.13	.09							.10	.08	.06	.05	.03						
Oats	.30	.27			.20	.16	.13			.20	.16	.11	.09							.09	.07	.06	.04						
Potatoes																													
Rapeseed																													
Rye																													
Safflower																													
Sorghum/Sudan	.37	.36			.30					.29								.27											
Soybeans (Narrow row)																													
Soybeans (Wide row)																													
Spring Wheat	.30	.27			.20	.16	.13			.20	.14	11							.12	.10	.06	.05							
S. Fallow (Safflowers)	.43	.44																.17											
Sunflowers																													
Winter Wheat	.30	.26			.20	.16	.12			.19	.15	.11	.08							.09	.08	.06	.05						

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SORGHUM / SUDAN (DRILLED)

Previous Crop Was:																																
Alfalfa																																
Barley	.25	.22		.16	.12	.09				.15	.12	.08	.06								.(07 .	.05	.04	.03	.02	.01					
Corn	.28	.27		.17	.14					.18	.13	.11									.(08 .	.07	.06	.05							
Corn Silage	.38	.38	.34						.34										.13	8												
Dry Beans																																
Flax																																
Grain Sorghum	.26	.25		.18	.14					.18	.13										11 .0	08		.04								
Sorghum Silage	.31	.30		.23						.23									.19	9 .:	11											
Millet	.24	.21		.15	.11	.09				.14	.11	.08								.(08 .0	06 .	.05	.04	.02	.02						
Oats	.29	.26		.18	.14	.11				.18	.14	.10											.06	.05		.02	.02					
Potatoes																																
Rapeseed																																
Rye																																
Safflower	.36	.35																	.24	4												
Sorghum/Sudan	.36	.35	.31						.31										.24	4												
Sorghum/Sudan y2																																
Soybeans (Narrow row)	.36	.34		.26						.25	.20								.2	1 .	17 .:	12 .	.08									
Soybeans (Wide row)	.35	.34	.29							.24									.20	0 .	16 .:	15 .	.08									
Spring Wheat	.30	.26		.18	.14	.11				.18	.13	.10).	09 .	.07	.05	.03							
S. Fallow (Barley)	.38	.38		.24	.18					.24	.18										14 .0	09 .	.07	.04	.03							
S. Fallow (Millet)																																
S. Fallow (Oats)	.40	.40		.26	.19					.25	.18										15 .:	10 .	.07	.04	.03							
S. Fallow (Sor./Sudan)	.43			.29						.29									.22	2 .:	12											
S. Fallow (Sp. Wht.)	.40	.40		.26	.19					.26	.19										14 .:	11 .	.06	.04								$oldsymbol{\perp}$
Sunflowers	.31	.30	.25							.20									.1′	7 .		08										
Winter Wheat	.27	.24		.17	.13	.10	.08			.15	.12	.09	.07	.05			L).	07 .	.05	.04		.02	.02					

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: Underlined numbers indicate C factors when 2.5 to

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SOVREANS (NARROW ROW)

			<u>SO.</u>	I BE	:AN	<u> </u>	1AV	KKC	744	RUI	<u>(V)</u>																						
Previous Crop Was:																																	
Alfalfa																																	
Barley	.19	.18			.13	.10	.08	.06	.05			.13	.10	.08	.06	.05								.04	.03	.02	.02	.01					
Corn	.25	.24			.18	.14	.12	.10				.18	.14	.11	.09									.07	.06	.03	.03						
Corn Silage	.32	.31		.28							.28										.15												
Dry Beans																																	
Flax																																	
Grain Sorghum	.21	.20			.15	.12	.10					.15	.12	.09									.07	.06	.03	.02	.02	.01					
Sorghum Silage	.29	.28			.23							.22									.17	.10											
Millet																																	
Oats	.22	.20			.15	.12	.09	.07	.06			.14	.11	.09	.07	.06								.05	.04	.03	.02	.02					
Potatoes																																	
Rapeseed																																	
Rye																																	
Safflower																																	
Sorghum/Sudan	.29	.29			.23							.23									.19	.11											
Soybeans (Narrow row)	.28	.26			.20							.20	.16								.19	.13	.11	.06									
Soybeans (Wide row)	.28	.26			.21								.16									.12		.06									
Spring Wheat	.22	.20			.15	.12	.10	.08				.15	.12	.09	.07								.07	.06	.04	.02							
S. Fallow (Soybeans)																																	
Sunflowers	.25	.24			.18							.17										.10	.06										
Winter Wheat	.23	.20			.15	.11	.09	.07	.06			.14	.11	.09	.06	.05	.04							.06	.05	.04	.03						

The crop to be planted is the 2nd year after alfalfa. NOTE: .00

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																		RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
	CLEAN	TILL	SPRING		FALL	MULC	нтп	LAG	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ited)																						
CROP SEQUENCE	PLOV	W	PLOW			% COVE	R AFTE	R PLA	NTING			9	% COVI	RAFT	ER PLA	NTING			•	6 COVE	ER AFTE	R PLAN	ΓING			% COVI	R AFTI	R PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
	FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SOYBEANS(WIDE ROW)

Previous Crop Was:

Previous Crop Was:																															 								
Alfalfa	.21	.15		.16	.14	.11				.11	.09	.07	.06														.02												
Barley	.26	.23		.17	.13	.10	.08	.07		.16	.13	.10	.07	.06				.11	.10	.09	9							.03	.03	.02				.(05 .	04		<u> </u>	
Corn	.28	.27		.20	.16	.13	.10			.20	.16	.12	.10					.15	.13								.04	.03	.03					.(07 .	05			
Corn Y2	.27	.24			.15	.13	.10			.18	.15	.11	.09															.03	.02					┙				Ш.	
Corn Silage	.39	.39	.35	.23	.19	<u>.15</u>			.35	.22	.18	<u>.15</u>				.36			<u>.15</u>				.18																
Dry Beans																																		┙				Ш.	
Flax																																							
Grain Sorghum	.27	.26		.20	.16	.13				.19	.16	.12						.15	.13								.04					\perp	.0	8 .0	06			Ш	
Sorghum Silage	.36	.36		.27						.27							.29							.13															
Millet																																		┙				Ш.	
Oats	.30	.26		.19	.16	.12	.10			.19	.15	.12	.09	.07					.12	.10)							.04	.03	.02						05	.04		
Potatoes																																		┙				Ш.	
Rapeseed																																							
Rye																																		┙				Ш.	
Safflower																																							
Sorghum/Sudan	.37	.36		.29						.29							.30	.21																┙				Ш	
Soybeans (Narrow row)	.36	.34		.27							.21						.26									.11						.15	5 .14	4					
Soybeans (Wide row)	.36	.34		.28							.22						.26									.08						\perp	.12	2				Ш	
Soybeans (WR) y2	.34	.31		.26	.22				.26	.24	.19	.17														.07	.05												
Spring Wheat	.29	.26		.20	.15	.12	.10			.19	.15	.11	.09					.15	.13								.05	.04).	07 .	05		Ш.	
S. Fallow (Soybeans)																																							
Sunflowers	.32	.31	.30							.23	.18						.21								.08							.12	2					Ш.	
Winter Wheat	.29	.25		.19	.15	.12	.09			.18	.14	.11	.09	.07	.06				.12	.10	0							.05	.04				.00	9 .(08 .	06	.05		

CROP TO BE PLANTED:

CULTIVATED SOYBEANS (WIDE ROW)

Previous Crop Was:

Corn	.28	.26		.20	.17	.14	.11			.20	.16	.14	.11							.08	.07						
Corn Silage	.39	.39	.35						.35									.31									
Soybeans (Wide row)																											
Spring Wheat	.30	.26		.20	.16	.13	.10			.19	.15	.12	.10							.07	.06						

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: 00 Underlined numbers indicate C factors when 2.5 to

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGE	Ξ	8	SPRING	G MU	LCH 1	TILLA	AGE				(Cultiv	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW			% COVE	ER AFTI	R PLAN	NTING			,	% COVI	ER AFT	ER PLA	NTING				% COV	ER AFTI	R PLA	NTING			% COV	ER AFT	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SPRING WHEAT

Author 1.0				<u> SFR</u>	1114	<i>3</i>	111	<u> </u>																												
Markey M	Previous Crop Was:																																 		 	
Commany Residual Resi	Alfalfa	.08	.05			.06	.05	.04					.04	.03										.01	.01	.007										
Comsisting 15 15 15 15 16 15 15 16 15 15 16 15 15 15 15 15 15 15 15 15 15 15 15 15	Barley	.10	.08			.06	.05	.04	.03	.02	.02		.06	.04	.03	.02	.02	.02							.02	.01	.01		.005							
Definition of the set	Corn	.09	.09			.06	.05	.04	.03	.02			.06	.05	.04	.03	.02	.02						.02	.02	.01	.01	.007	.005							
Fix or Fi	Corn Silage	.15	.15			.10	.08	.05					.10	.08	.05	.04						.07	.05	.03	.02											
Grinsorghum of the surface of the su	Dry Beans																																			
Sorghum Siliage 13 13 13 14 15 15 15 15 15 15 15	Flax																																			
Milet Billion	Grain Sorghum	.09	.08			.06	.05	.04	.03	.02			.06	.04	.04	.02	.02							.02	.02	.01		.006								
Orange Series Se	Sorghum Silage	.13	.13			.10	.08							.07									.05	.04	.03	.02					<u> </u>			Ш		
Petatores Petatores Petat	Millet	.09	.07			.05	.04	.03	.03	.02			.05	.04	.03	.02	.02	.01						.02	.02	.01	.01	.005	.004							
Reposed Repose	Oats	.11	.09			.07	.06	.04	.04	.03			.07	.05	.04	.03	.02	.02						.03	.02	.02	.02		.007							
Rye	Potatoes																																			
Safflower	Rapeseed																														<u> </u>					
Sorghum/Sudan 11 10 10 10	Rye																																			
Solve	Safflower	.14	.13			.09							.08									.07	.06	.04	.03						<u> </u>			Ш		
Sybean (Wide row) 11	Sorghum/Sudan	.11	.10			.08	.06						.08	.06									.05	.04	.02	.01										
Spring Wheat 92	Soybeans (Narrow row)	.11	.11			.08	.07						.08	.05	.04									.04	.03	.02	.01	.009			<u> </u>					
Spring Wheat y2	Soybeans (Wide row)	.11	_				.07						.08	.06	.05								.05	.04	.03	.02										
S. Fallow (Barley) 20 20 20 20 20 20 20 20 20 20 20 20 20	Spring Wheat	.11	.09			.07	.06	.04	.04	.03			.07	.05	.04	.03	.03							.03	.02	.02	.01	.008	.007		<u> </u>					
S. Fallow (Millet) S. Fallow (Mi	Spring Wheat y2																																			
S. Fallow (Oats) 22 22	S. Fallow (Barley)	.20	.20			.12	.09	.07					.12	.08									.06	.05	.03	.02	.01	.009						Ш		
S. Fallow (Sp. Wht.) 23 23	S. Fallow (Millet)																																			
Sunflowers .11 .10 .07 .05 .07 .05 .04 .04 .03 .02 .01 .09	S. Fallow (Oats)	.22	.22				_						.13	.09									.07	.04	.03	.02	.01	.01			<u> </u>					
Watermellons 1.17 1.14 1.13 1.13 1.14 1.15 1.15 1.15 1.15 1.15 1.15 1.15	S. Fallow (Sp. Wht.)	.23	.23			.15	.11						.13	.10									.08	.05	.03	.02										
	Sunflowers	.11	.10		.07								.07	.05								.04	.04	.03	.02	.01	.009				<u> </u>					
Winter Wheat	Watermellons		.17		.14							.13																								
	Winter Wheat	.11	.09			.07	.05	.04	.04	.03			.06	.05	.04	.03	.02	.02						.03	.02	.02	.02		.007		<u> </u>	<u> </u>		Ш		

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: Underlined numbers indicate C factors when 2.5 to

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

					RIDGE TILL	NO-TILL	STRIP TILL
	CLEAN TILL			SPRING MULCH TILLAGE	(Cultivated)		
CROP SEQUENCE	PLOW FALL SPRING	PLOW	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 10 20 30 40 50 60 70 80 9	% COVER AFTER PLANTING 10 20 30 40 50 60 70 80 90

CROP TO BE PLANTED:

SUMMER FALLOW

Convertice Allays				<u>SUI</u>	IIIII	EK	FAL	<u>LC</u>	W																										
Index: March Mar	Crop before / after:						,	,			,						,														 			 	
Marty New Mart	Alfalfa / WW	-			.29	_						.19						<u> </u>					.06	.05						_		4			4
Markey Column Sale	Barley / Barley	.48	.40			.23	.17	.12	.09	-	.07		.22	.16	.12	.09	_	.07							.03	.03	-	_							
Substitution Subs	Barley / WW	.41	.35			.19	.14	.11	.07	.06	.06				.09	.07									.03	.03	.03	.02							
Endrey Section State 44 42 56 27 20 14 11 09 08 23 17 14 11 10 08	Barley / Corn	.52	.45			.26	.19	.14	.11	.09	.08		.22	.17	.13	.11	.09	.07							.03	.03	.03	.03	.02						
Section Sect	Barley / Millet		.39			_		.12	.09	+					.11	.09	_									.03	.02								
Cons Co	Barley / Sorhum Sudan	.54	.46			.27	.20	.14	.11	.09	.08		.23	.17	.14	.11	.09	.08						.06	.05	.05	-	_							
Consider C	Barley / Sp Wht	.42				.19		_	.08	+	.06		.16		.10	.09	_	.05							.03	.03	.02	.02	.02						
Cons. Stateger Cross State 78 76	Corn / Corn	.63					_	.22		_				_	.20	.15	_															\perp			
Deg Reams / Deg	Corn / WW	.42	.41					_		.09	.07				-		.08	.07						.04	.04										
Pint First Comin Storgy Gain Storg G	Corn Silage / Corn Silage	.78	.76			.67	.51	.43	.38				.63	.51	.45	.38						33													
Grain Sorg Craim Sorg Craim Sorg Craim Sorg Craim Sorg Craim Sorg Way Ado 39 20 15 14 11 13 10 18 15 13 11 09 07	Dry Beans / Dry Beans																																		
Grain Sorg / WW	Flax / Flax																																		
Sorg Shige/ Sorg Shige A7	Grain Sorg / Grain Sorg	.61	.57			_		_	.19				.34		.22	.17							.10	.08											
Miller / Miller Miller Miller Miller / Miller Miller / Willer Miller Miller / Willer Miller / Willer / Willer Miller / Willer / W	Grain Sorg / WW	.40	.39			.20	.15	.14	.13	.10			.18	.15	.13	.11	.09	.07						.05	.04	.03	.02	.02							
Miler / WW	Sorg Silage / Sorg Silage																																		
Outs / Outs 5.5 4.6	Millet / Millet	.47	.47			.24	.23	.19	.13	.11	.08		.23	.17	.17	.13	.10	.08							.06	.05	.04	.03	.02			╙			
Outs / Barley	Millet / WW	.36	.33			.17	.13	.09	.08		.06		.14	.10	.09	.08		.06							.03	.03	.02								
Outs / Com	Oats / Oats	.55	.46			.27	.20	.14	.11	.09	.08		.25	.19	.14	.11	.09	.08						.05	.04	.04	.04	.03	.02						
Outs / Millet	Oats / Barley	.46	.39			.21	.15	.12	.09	.07	.07		.18	.13	.10	.09	.07	.06							.03	.03	.03	.03	.02						
Outs / Sorg Sudan 61 52	Oats / Corn	.59	.50			.30	.22	.16	.12	.10	.09		.25	.19	.15	.12	.10	.09							.04	.04	.03	.02							
Obst / Sp. Whit. 48 40 23 17 13 09 08 07 19 14 11 09 08 07	Oats / Millet	.51	.44			.24	.18	.15	.11	.08	.07		.21	.16	.12	.11	.08	.07							.04	.04	.03		.02						
Potatocs / Potatocs Rapesced / Rapesced	Oats / Sorg Sudan	.61	.52			_	.24	.17	.13	.12	.09		.27	.20	.17	.13	.11	.09							.06	.05	_	_							\bot
Rapseed / Rapseed	Oats / Sp. Wht.	.48	.40			.23	.17	.13	.09	.08	.07		.19	.14	.11	.09	.08	.07							.04	.03	.03	.03	.02						
Rye / Rye	Potatoes / Potatoes																																		
Safflower Safflo	Rapeseed / Rapeseed																																		
Sorg Sudan / Sorg Sudan / Ww Sorg Sudan / Sorg Sudan / Ww Sorg Sudan / Sorg Sorg Sorg Sorg Sorg Sorg Sorg Sorg	Rye / Rye																																		
Sorg Sudan/WW	Safflower / Safflower	.75	.73			.56	.46	.39					.57	.47	.45	.41						38	.31	.17											
S.beans(NR)/S.beans(NR) S.beans(WR)/S.beans(WR) S.beans(WR)/S.beans(WR)/S.beans(WR)/S.beans(WR)/S.beans(WR)/S.beans(WR) S.beans(WR)/S.bean	Sorg Sudan / Sorg Sudan	.75											.55									 34										╙			
Sheans(WR)/Sheans(WR) Sp. Wheat / Sp. Whit / War / Sp. Whit / Sp.	Sorg Sudan / WW	.52	.51			.37	.28	.23	.19	.16			.34	.28	.23	.19	.16						.16	.13	.09	.06	.04								
Sp. Wheat / Sp. Wheat / Sp. Wheat / Sp. Wheat / Sp. Whit / WW 46 39 .22 .15 .12 .19 .28 .21 .15 .12 .10 .0 .06 .06 .05 .04 .0	S.beans(NR)/S.beans(NR	2)																																	
Sp. Wht. / Ww 46 39 .22 .17 .12 .10 .09 .08 .19 .14 .12 .09 .08 .07 .07 .00 .05 .04 .04 .04 .02 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03 .02 .03 .02 .04 <th< td=""><td>S.beans(WR)/S.beans(W</td><td>R)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	S.beans(WR)/S.beans(W	R)																																	
Sp. Wht. / Barley	Sp. Wheat / Sp. Wheat	.56	.46			.29	.22	.15	.12	.12	.09		.28	.21	.15	.12	.10							.06	.06	.05	.04								
Sp. Wht. / Corn .58 .50 .31 .24 .17 .13 .12 .10 .27 .21 .17 .13 .11 .11 .06 .05 .04 .03 .06 .05 .04 .03 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .06 .05 .04 .02 .08 .08 .06 .04 .08 .06 .04 .04 .09 .08 .08 .06 .04 .09 .08 .08 .08 .06 .04 .09 .08 .08 .08 .06 .04 .09 .08	Sp. Wht. / WW	.46	.39			.22	.17	.12	.10	.09	.08		.19	.14	.12	.09								.05	.04	.04									
Sp. Wht. / Millet	Sp. Wht. / Barley	.45	.38			.22	.16	.12	.09	.09	.07		.19	.14	.12	.09	.07	.07							.04	.04	.04	.03	.02						
Sp. Wht / Sorg Sudan .62 .55 .34 .25 .18 .14 .13 .10 .29 .22 .18 .14 .12 .18 .14 .11 .10 .94 .18 .14 .11 .10 .18 .14 .11 .10 .18 .14 .11 .10 .18 .14 .11 .10 .	Sp. Wht. / Corn	.58	.50			.31	.24	.17	.13	.12	.10		.27	.21	.17	.13	.11							.06	.05	.04	.03								
Sunflowers / Sunflowers 70 .66 .52 .38 .31 .46 .37 .31 .18 .14 .11 .11	Sp. Wht. / Millet	.50	.43			.25	.20	.14	.11	.09	.08		.22	.17	.14	.11	.09	.08						.06	.05	.05	.04	.02							
	Sp. Wht / Sorg Sudan	.62	.55			.34	.25	.18	.14	.13	.10		.29	.22	.18	.14	.12							.08	.08	.06	.04								
W. Wheat / W. Wheat .51 .42 .25 .19 .17 .12 .08 .20 .15 .12 .10 .04 .03 .03 .03 .03	Sunflowers / Sunflowers	.70	.66			.52	.38	.31					.46	.37	.31							 18	.14	.11											
	W. Wheat / W. Wheat	.51	.42			.25	.19	.17	.12	.08			.20	.15	.12	.10									.04	.03	.03	.03							

NOTE: Crop before / after describes the crop before summer fallow and the crop to be planted after summer fallow.

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																		RID	GE T	ILL					NO-	TILL							5	STRI	P TI	LL						
	CLEAN	TILL	SPRING		FALL	MULC	нтп	LAG	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
CROP SEQUENCE	PLOV	W	PLOW			% COVE	R AFTE	R PLA	NTING			9	% COVI	RAFT	ER PLA	NTING				% COVI	ER AFTI	R PLAN	TING			% COV	ER AFTI	ER PLA	NTING				9	6 COVI	ER AFT	ER PLA	NTING					
	FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

			<u>SU1</u>	<u> IFL</u>	<u>ow</u>	<u>'ER</u>	<u>s</u>																															
Previous Crop Was																																						
Alfalfa																																						
Barley	.30	.27			.20	.15	.12	.10			.19	.15	.12	.08	.07				.12	.10					.06	.05	.03	.03	.02									
Corn	.37	.35			.25	.20	.16				.24	.20	.15	.12				.18	.15					.09	.07	.05	.04					.10	.07	.06				
Corn Silage	.49	.49		.43						.42						.44						.22																
Dry Beans																																						
Flax																														<u> </u>				$oldsymbol{ol}}}}}}}}}}}}}}}}}$				
Grain Sorghum	.35	.34			.24	.20	.16				.24	.19	.15				.18								.06	.05					.14	.09	.08					
Sorghum Silage	.46	.45			.35						.34											.23	.15							<u> </u>			<u>l </u>					
Millet	.29	.27			.19	.15	.12	.09			.19	.15	.10	.08				.14	.12					.08	.06	.04	.03	.02										
Oats	.34	.31			.23	.18	.14	.11			.22	.17	.12	.10	.08		.16	.14	.12						.07	.06	.04	.03		<u> </u>			<u>l </u>					
Potatoes																																						
Rapeseed																														<u> </u>			<u>l </u>					
Rye																																						
Safflower																																		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$			\perp	
Sorghum/Sudan	.46	.45		.40							.35					.38						.26																
Soybeans (Narrow row)	.46	.42			.34						.31	.26					.30					.25	.20	.15	.10									╙			Ш	
Soybeans (Wide row)	.46	.43			.33						.33	.26												.10						.23	.17							
Spring Wheat	.34	.31			.23	.18	.14				.22	.17	.13	.10				.17	.15					.10	.08	.05	.03			<u> </u>			<u></u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}$			┸	
S. Fallow (Sunflowers)	.53	.53								.43												.20																
Sunflowers																	.31													$oldsymbol{ol}}}}}}}}}}}}}}}}}$			<u> </u>	$oldsymbol{\perp}$	\perp	\perp	\perp	
Winter Wheat	.37	.33			.23	.18	.14	.11			.22	.17	.14	.10	.08				.14	.12							.05	.04				.11	.08	.06				

CROP TO BE PLANTED:

CULTIVATED SUNFLOWERS

Previous Crop Was:

NOTE:

Corn	.37	.34			.21	.17			.25	.19	.13		12							14	.11	.09		98						
Grain Sorghum	.35	.34	.27	.25	.20	.16			.24	.20	.10	5									.12	.10)							
Spring Wheat	.34	.31		.23	.18	.15			.23	.18	.14	1	11						Ī.	12	.10	.08		06						

The crop to be planted is the 2nd year after alfalfa. NOTE:

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

					RIDGE TILL	NO-TILL	STRIP TILL
	CLEAN TILL			SPRING MULCH TILLAGE	(Cultivated)		
CROP SEQUENCE	PLOW FALL SPRING	PLOW	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 10 20 30 40 50 60 70 80 9	% COVER AFTER PLANTING 0 10 20 30 40 50 60 70 80 90

CROP TO BE PLANTED:

			WA	TEF	RME	ELL	<u>ONS</u>	<u> </u>																					
Previous Crop Was	<u>:</u>																												
Alfalfa		.13		.16	.14	.11					.09	.07																	
Corn		.23		.19	.16						.16	.12													ı				
Spring Wheat		.22			.16	.13					.15	.12																	
Watermellons		.41		.37	_					.37															ı		\Box		
Watermellons Y2		.35		.32						.30																			
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NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - MEDIUM YIELDS

																	RII	GE T	ILL					NO-	TILL							5	TRIE	TII	LL						
	CLEAN TILL	SPRING		FALL	MULCI	H TIL	LAGI	E	s	PRIN	3 MU	LCH T	TILLA	.GE				(Cultiv	vated)																						
CROP SEQUENCE	PLOW	PLOW			% COVER	RAFTE	R PLA!	NTING			•	% COVI	R AFT	ER PLA	NTING				% COV	VER AFT	ER PLA	NTING			% COVI	R AFTI	ER PLA	NTING				9	6 COVE	AFTI	ER PLA	NTING					
	FALL SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

WINTER WHEAT

Com Silage Dry Beans Flax Sorghum Silage Millet .06	.07	.0.			.02	.01	.01									Ŧ		0	00 0	07	006	005	.002							I
Barley .07 Com Silage Dry Beans Flax Sorghum Silage Millet .06 Oats .08	.06				.02	.01	.01											0	00 0	07	006	005	002							\bot
Com Silage Dry Beans Flax Sorghum Silage Millet .06 Oats .08	.06				.02	.01	.01											0	വിവ	07	006	005	002							
Dry Beans Flax Sorghum Silage Millet .06 Oats .08		.0.	4 .03	1 02									_					.0	09 .0	07.		.003	.002					_		
Flax Sorghum Silage Millet Oats .08		.0.	4 .03	1 02																										
Sorghum Silage Millet .06 Oats .08		.0.	4 .03	1 02																										
Millet .06 Oats .08		.0.	4 .03	02																										
Oats .08		.0.	4 .03	02																										
	.08			.02	.02	.01	.01										.01	.0	1 .0	07 .	006	.004	.002 .	002						
Removed			.04	.03	.02	.02	.01											.0	1 .0	09 .	007	.005	.003							
Kapeseeu																														
Rye																														
Sorghum/Sudan .09	.09	.0	6 .05	.04												.0	3 .02	.0	2 .0	1 .	008	.006								
Soybeans (Narrow row)																		.0:	2 .0	2 .	01									T
Spring Wheat .08	.08	.0.	5 .04	.03	.02	.02	.01											.0	1 .0	09 .	800		.003							
S. Fallow (Alfalfa) .17	.15	.14 .1:	2					.12	.11						.0	8 .0	4 .03	3												T
S. Fallow (Barley) .14		.0.	8 .06	.04	.04											.0	4 .03	.0:	2 .0	2 .	01 .	.006								
S. Fallow (Corn) .16		.1	1 .08	.06	.05											.0	6 .05	.0.	3 .0	2 .	01									
S. Fallow (Corn Sil.)																														
S. Fallow (G. Sorgh.) .16		.1	1 .08	.06											.0	7 .0	6 .04	.0.	2 .0	2										
S. Fallow (Millet) .14		.0	9 .07	.04	.03	.02										.0	4 .03	.0	2 .0	2 .	009 .	.007								
S. Fallow (Sor/Sudan) .17		.1	1 .09	.06											.0	9 .0	7 .04	.0.	3											
S. Fallow (Soybeans)																														
S. Fallow (Sp. Wht) .14		.0	9 .07	.05	.04											.0	5 .03	.0	3 .0	1 .	01 .	.007								
S. Fallow (Sunflowers)																														
S. Fallow (W. Wht.) .15		.19	0 .07	.05												.0	5 .04	.0.	2 .0	1 .	01 .	.007								
Winter Wheat .08		.0.			.02	.02											.02	_	_				.004 .	003						1
Winter Wheat y2											_	-			 —	_	_		-	_	_		_	_	 _	_	_	_	-	+

Y2 The crop to be planted is the 2nd year after alfalfa. NOTE: .00